

ABSTRACT

Three-dimensional models of molecules, including proteins, and molecular model construction kits, including an alpha helix construction kit, a beta sheet construction kit, and a nucleic acid construction kit. The three-dimensional models of molecules include
5 one or more elongated tubular strands representing alpha carbons and the bonds between the alpha carbons. The alpha helix and beta sheet construction kits include amino acid backbone units, hydrogen bond units, and side chain units. The nucleic acid construction kits include base units, hydrogen bond units, sugar units, and phosphate units.